

Fig. 1

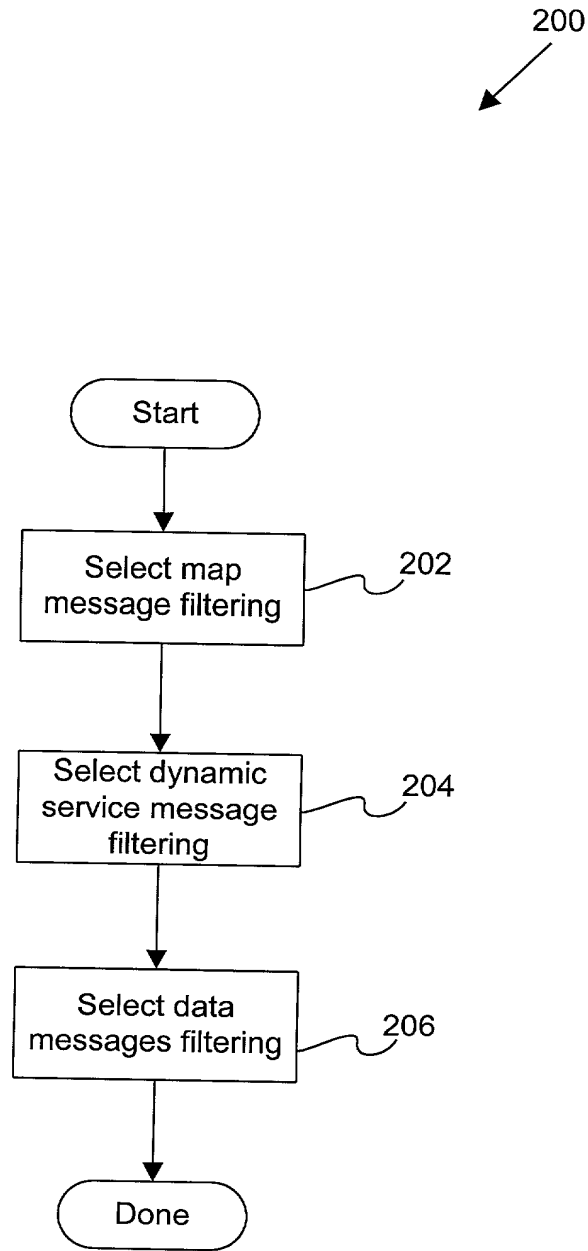


Figure 2

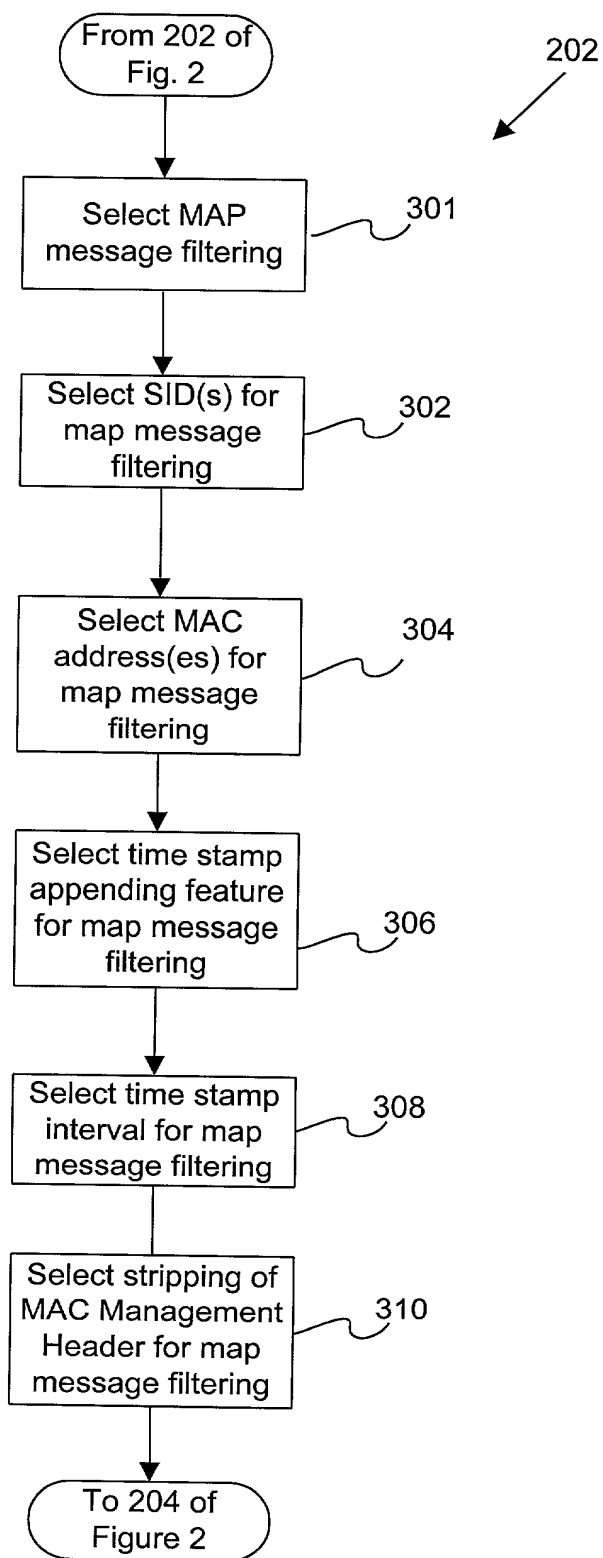


Figure 3A

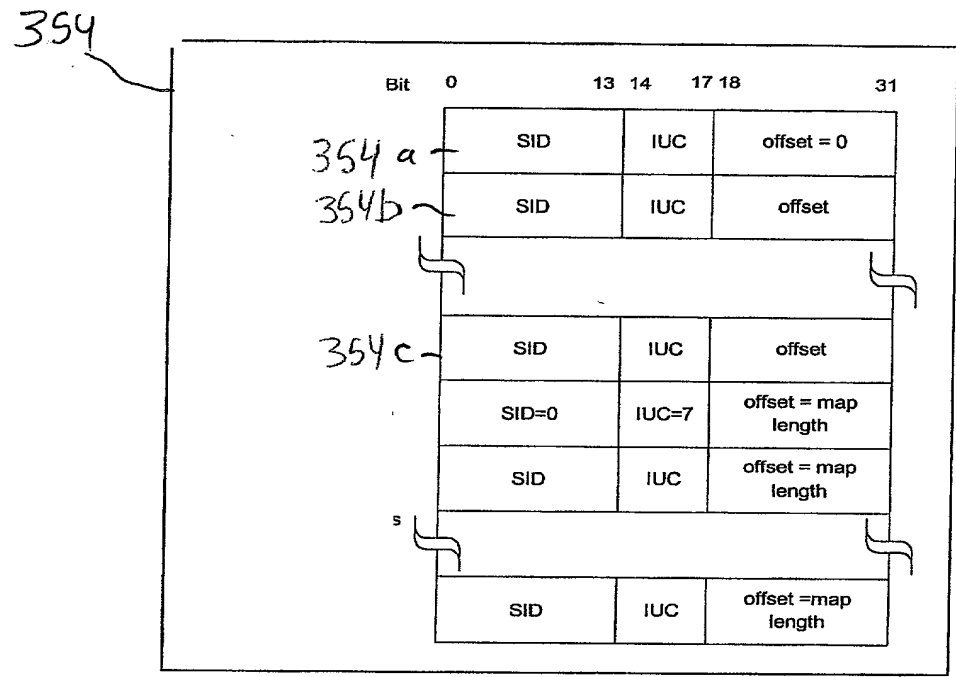
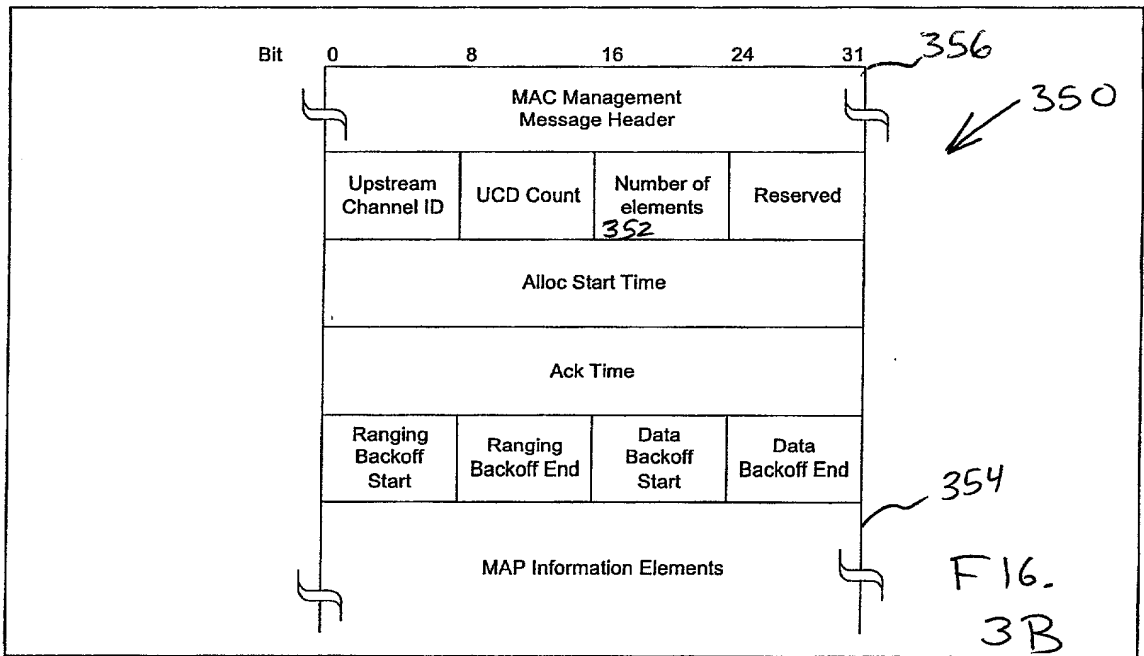


FIG. 3C

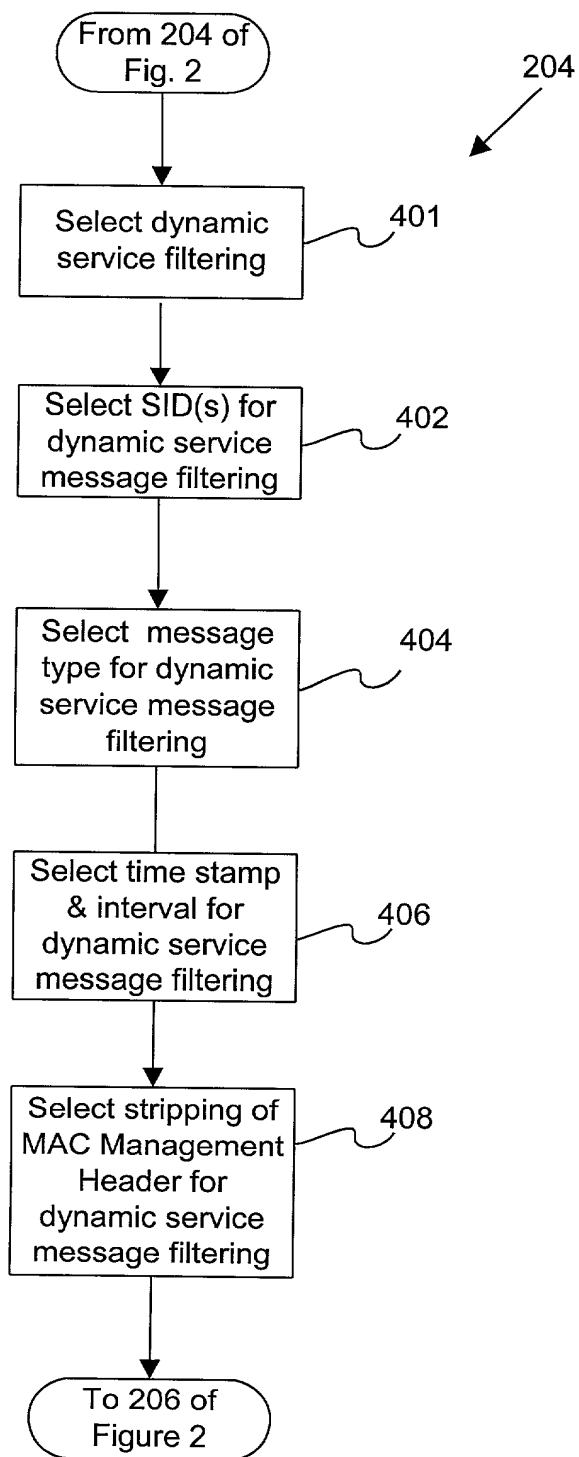
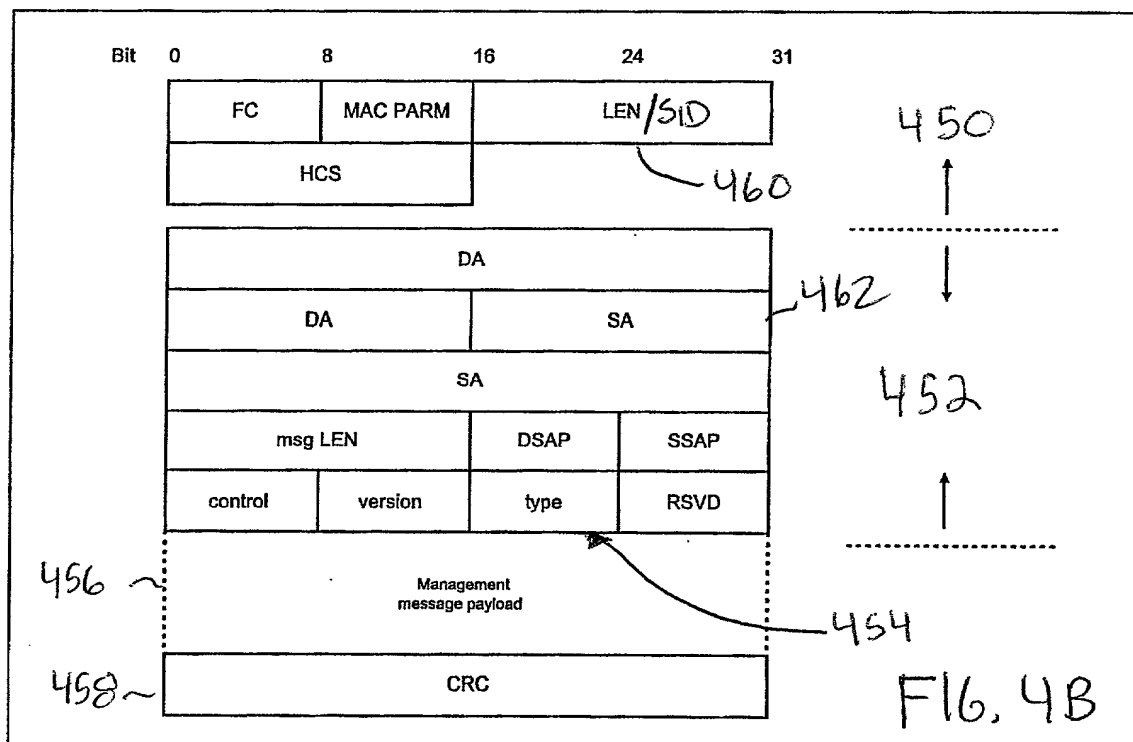


Figure 4A



Type Value	Version	Message Name	Message Description
1	1	SYNC	Timing Synchronization
2	1	UCD	Upstream Channel Descriptor
3	1	MAP	Upstream Bandwidth Allocation
4	1	RNG-REQ	Ranging Request
5	1	RNG-RSP	Ranging Response
6	1	REG-REQ	Registration Request
7	1	REG-RSP	Registration Response
8	1	UCC-REQ	Upstream Channel Change Request
9	1	UCC-RSP	Upstream Channel Change Response
10	1	TRI-TCD	Telephony Channel Descriptor [DOCSIS6]
11	1	TRI-TSI	Termination System Information [DOCSIS6]
12	1	BPKM-REQ	Privacy Key Management Request [DOCSIS8]
13	1	BPKM-RSP	Privacy Key Management Response [DOCSIS8]
14	2	REG-ACK	Registration Acknowledge
15	2	DSA-REQ	Dynamic Service Addition Request
16	2	DSA-RSP	Dynamic Service Addition Response
17	2	DSA-ACK	Dynamic Service Addition Acknowledge
18	2	DSC-REQ	Dynamic Service Change Request
19	2	DSC-RSP	Dynamic Service Change Response
20	2	DSC-ACK	Dynamic Service Change Acknowledge
21	2	DSD-REQ	Dynamic Service Deletion Request
22	2	DSD-RSP	Dynamic Service Deletion Response
23	2	DCC-REQ	Dynamic Channel Change Request
24	2	DCC-RSP	Dynamic Channel Change Response
25	2	DCC-ACK	Dynamic Channel Change Acknowledge
26	2	DCI-REQ	Device Class Identification Request
27	2	DCI-RSP	Device Class Identification Response
28	2	UP-DIS	Upstream Transmitter Disable
29-255			Reserved for future use

F16.4C

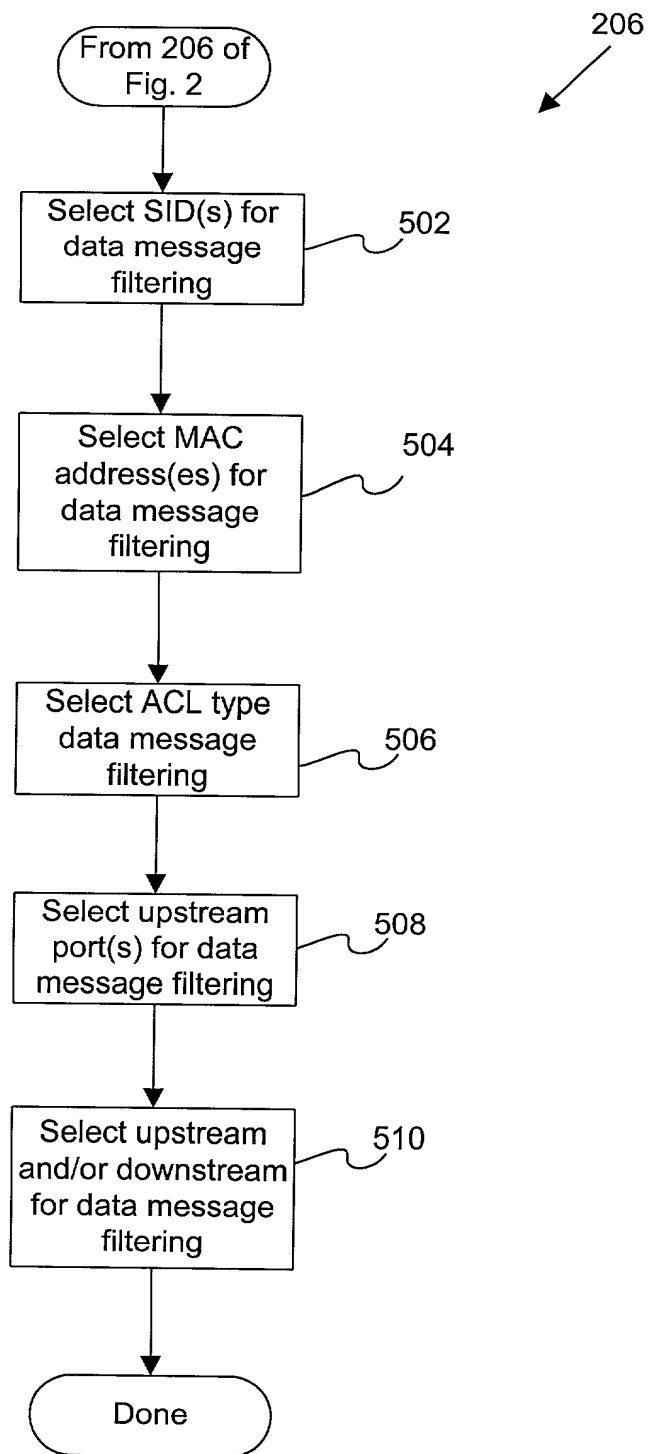


Figure 5

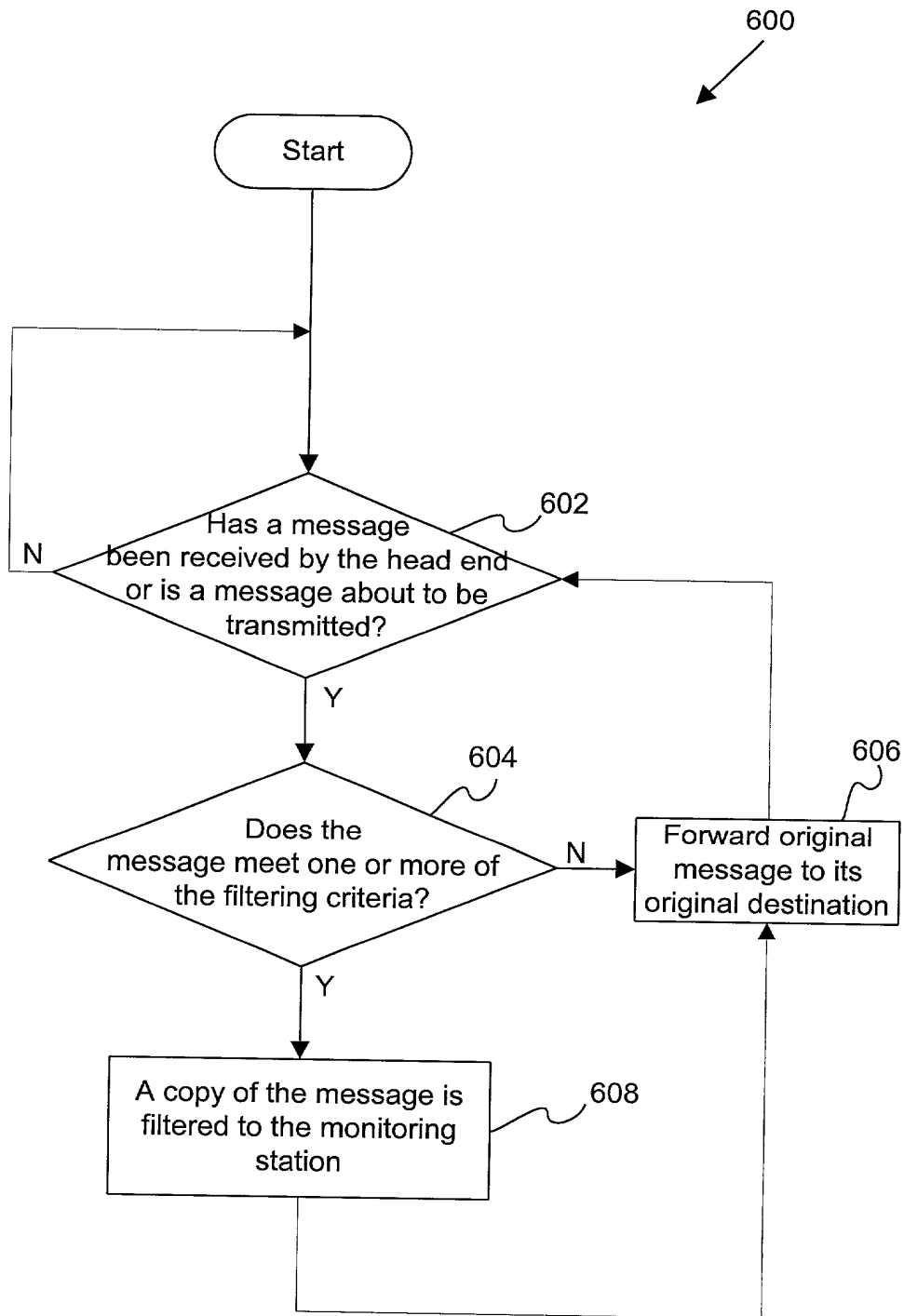


Figure 6

FIG. 7

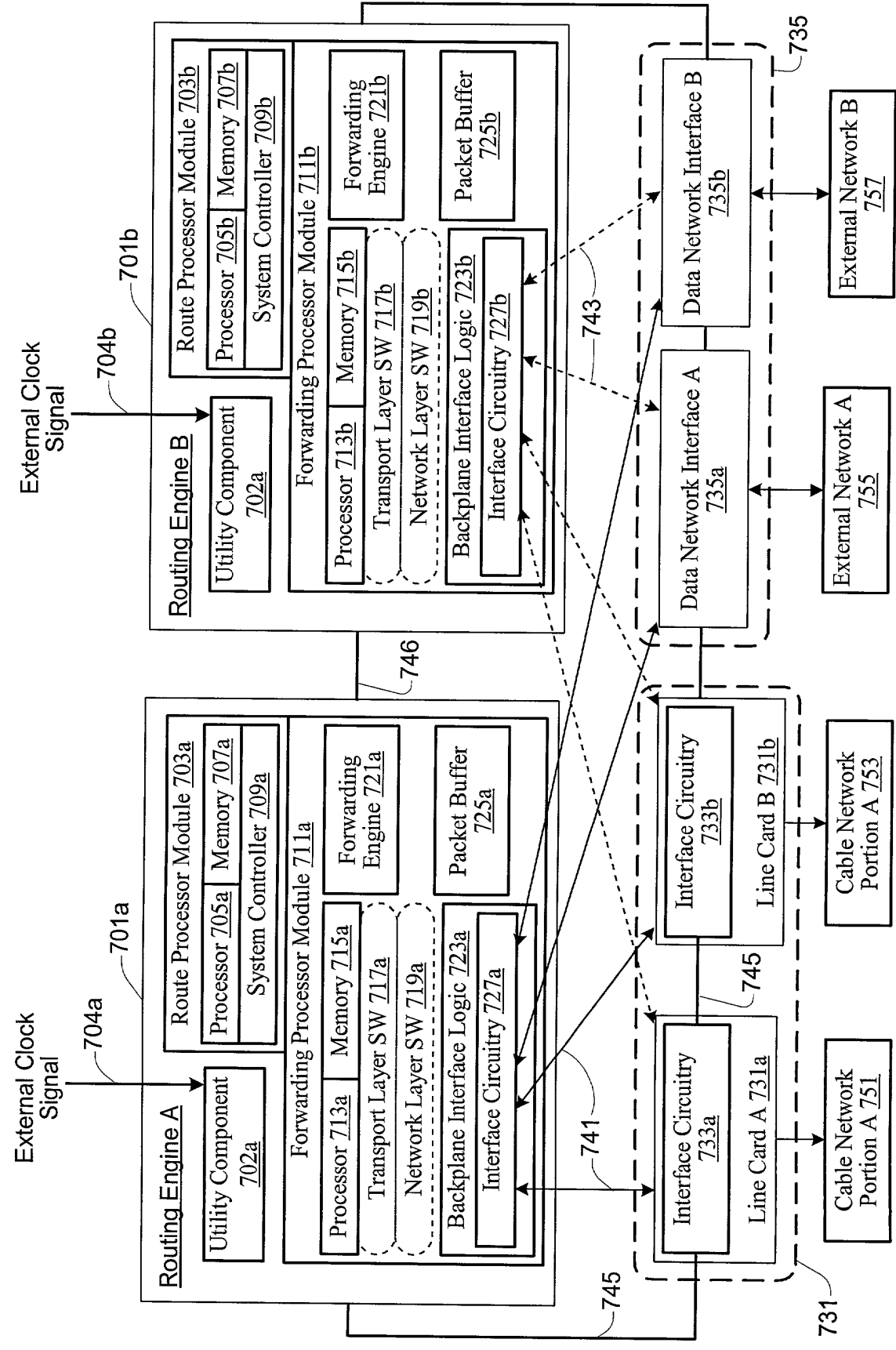


Figure 7 700

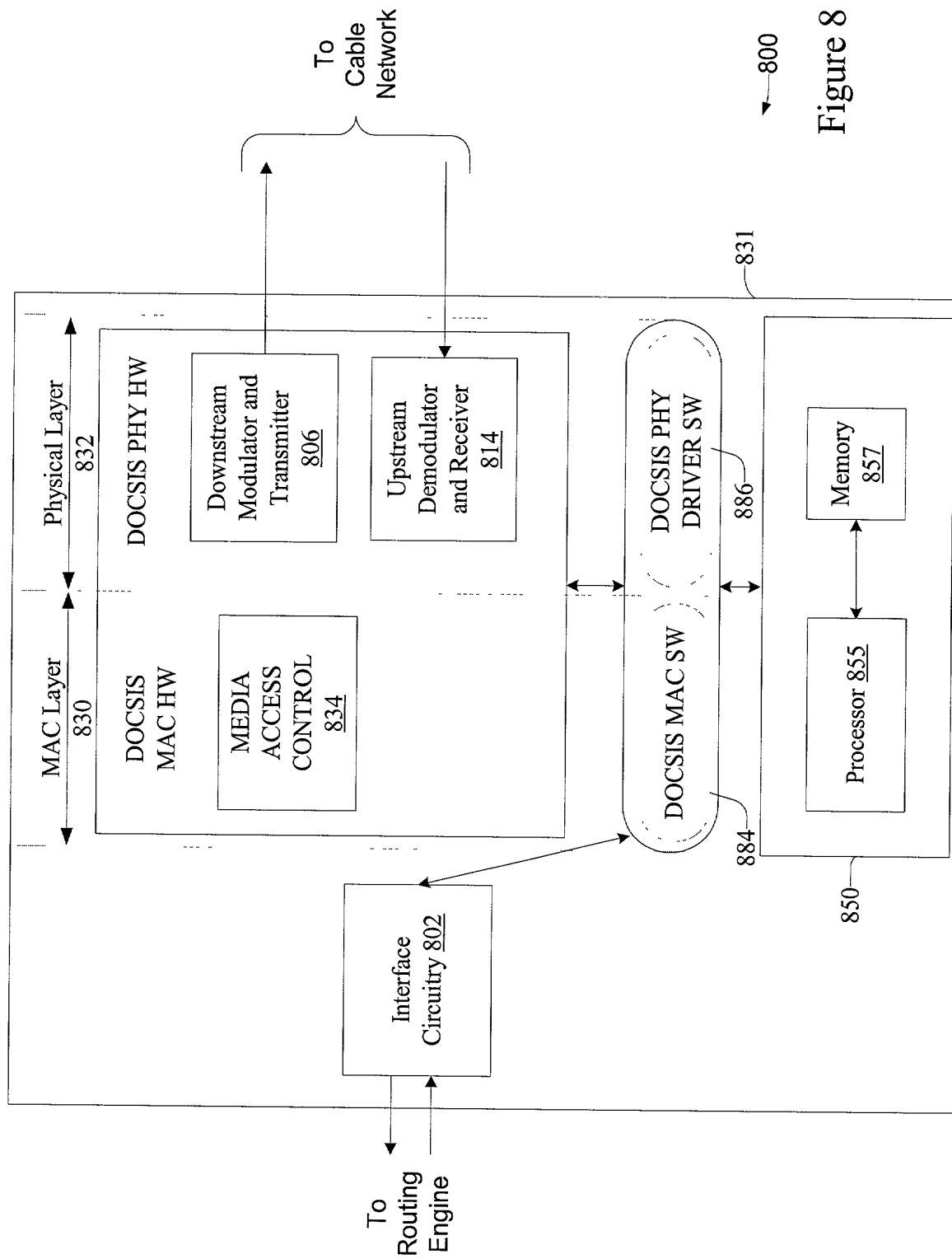


Figure 8

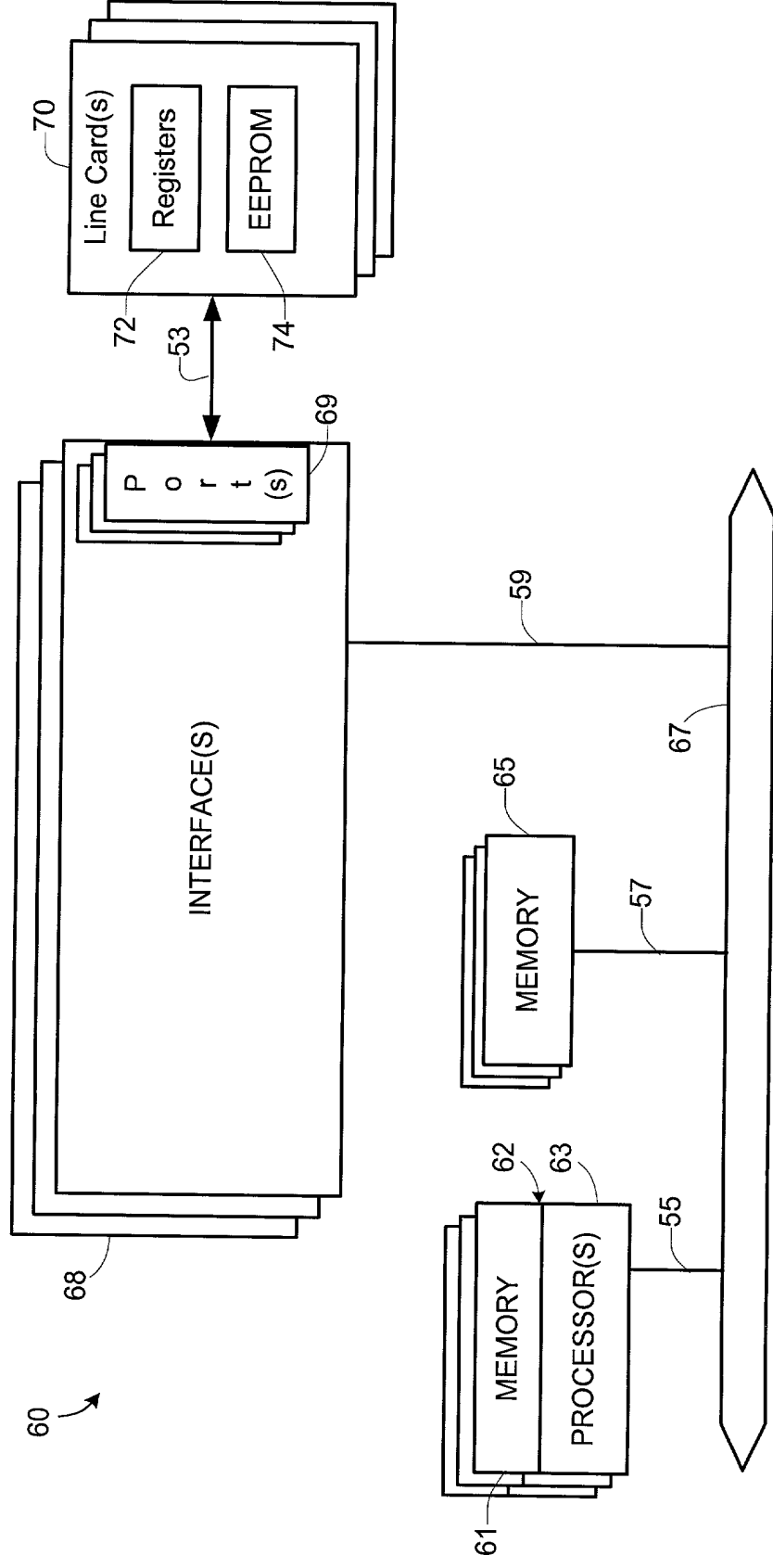


Figure 9